

21. **Allowable Emissions:** The Permittee shall not allow or permit particulate emissions into the atmosphere from any incinerator which exceed 0.1 grain per cubic foot (229 milligrams per cubic meter) of dry flue gas at standard conditions adjusted either to twelve (12) percent carbon dioxide in the exhaust gases and calculated as if no auxiliary fuel had been used or to seven (7) percent oxygen (O<sub>2</sub>)

The Permittee shall not allow the emissions into the atmosphere from any incinerator for an aggregate of more than thirty (30) seconds in any sixty (60) minutes, any air contaminant which is a shade or density darker than 20 percent opacity.

The Permittee shall not allow emissions into the atmosphere from the incinerator to exceed the following limits:

	Daily Emission Limits	Twelve Month Rolling Average Emission Limits	Emission Factor
Carbon Monoxide (CO)			35 lb/mm ft <sup>3</sup>
Nitrogen Oxides (NO <sub>x</sub> )			140 lb/mm ft <sup>3</sup>
Sulfur Oxides (SO <sub>x</sub> )			0.6 lb/mm ft <sup>3</sup>
Volatile Organic Compounds (VOCs)			5.8 lb/mm ft <sup>3</sup>

For emission factors, lb/mm ft<sup>3</sup> is defined as pounds per million cubic feet of gas burned.

The twelve month rolling average shall be calculated at the end of each calendar month by summing the emissions over the most recent twelve calendar months.

22. **Operations and Maintenance:** The incinerator shall be installed and operated by properly trained personnel. The Permittee shall operate the incinerator in accordance with the manufacturers instructions at all times. These instructions shall be posted on the equipment or kept readily available on the premises.
23. **Prohibitions:** The Permittee shall not conduct any burning in the incinerator between sunset and the following sunrise.
24. **Record Keeping:** The Permittee shall record the total weight charged and the hours of operation for each day that the incinerator is used.
25. **Testing:** Within 180 days of the initial start-up of the incinerator (or issuance of the permit for existing sites), the Permittee shall conduct a performance test for the incinerator. The performance test for the incinerator shall demonstrate compliance of both the emission standards of particulate emissions and visible emissions listed in item 21 above. If a incinerator does not pass the performance test, the Permittee

shall not use or operate that unit, except for testing purposes, until the unit has passed the performance test.

The test methods outlined in Rule 313 § 502.1 and § 502.2 shall be utilized.

The Permittee shall submit a protocol for the testing of the incinerator to the Department for review and approval at least 30 days prior to commencement of testing.

The Permittee shall notify the Department in writing of the exact date and time of testing at least ten (10) days prior to commencement of testing to allow Department representatives to witness the test.

A test report including the results of all testing shall be submitted to the Department for review and a compliance determination within thirty (30) days of test completion.